

FIG. 1

40 →

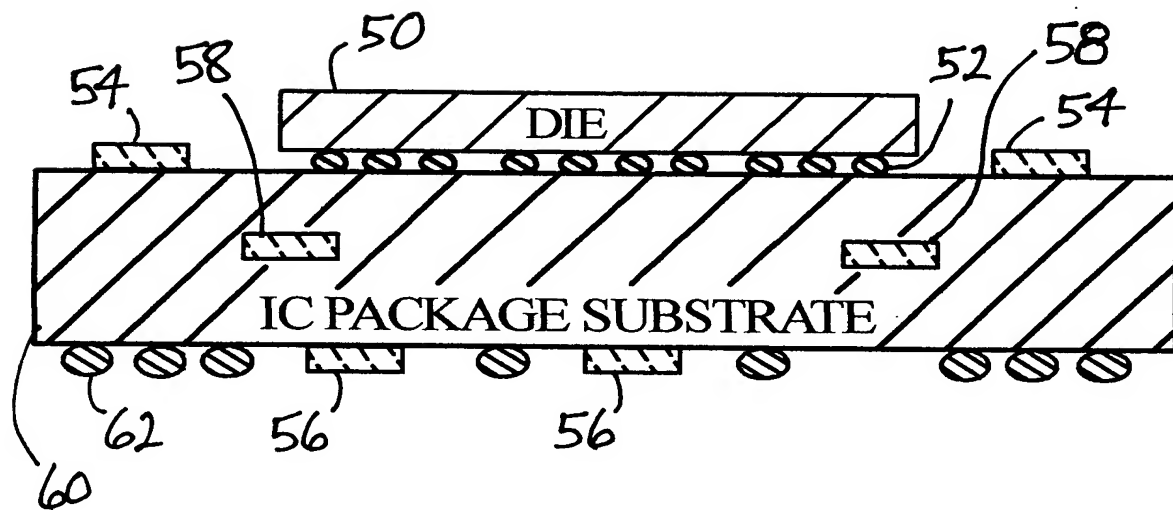


FIG. 2
(PRIOR ART)

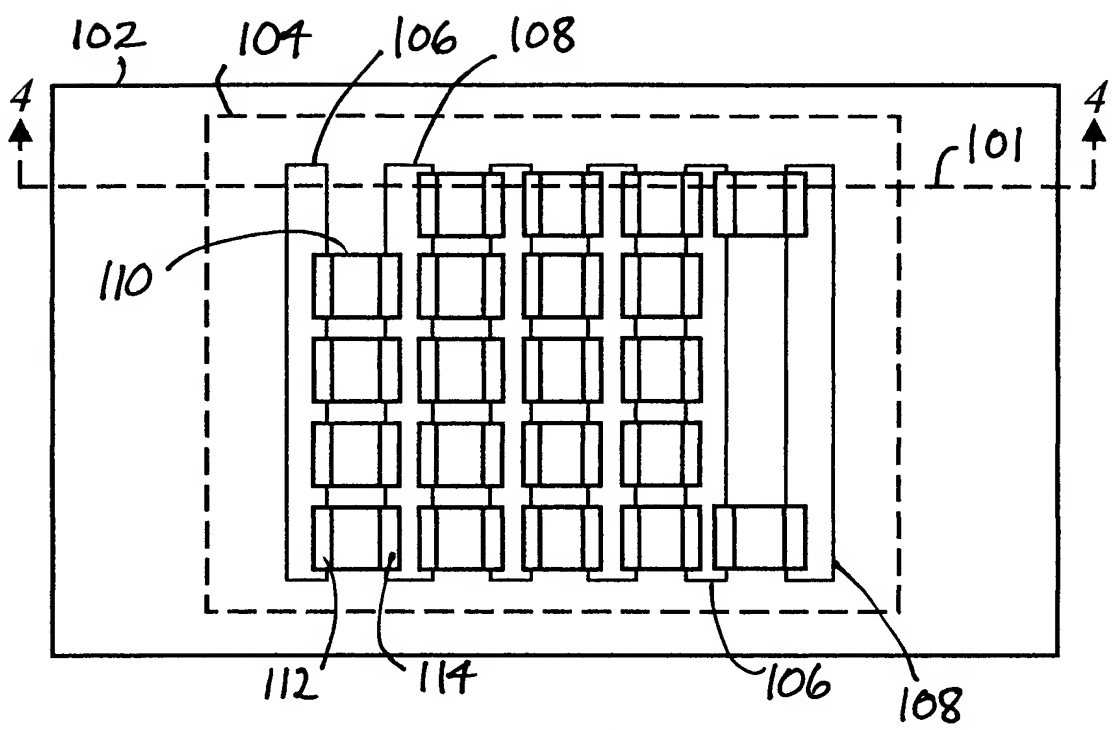


FIG. 3

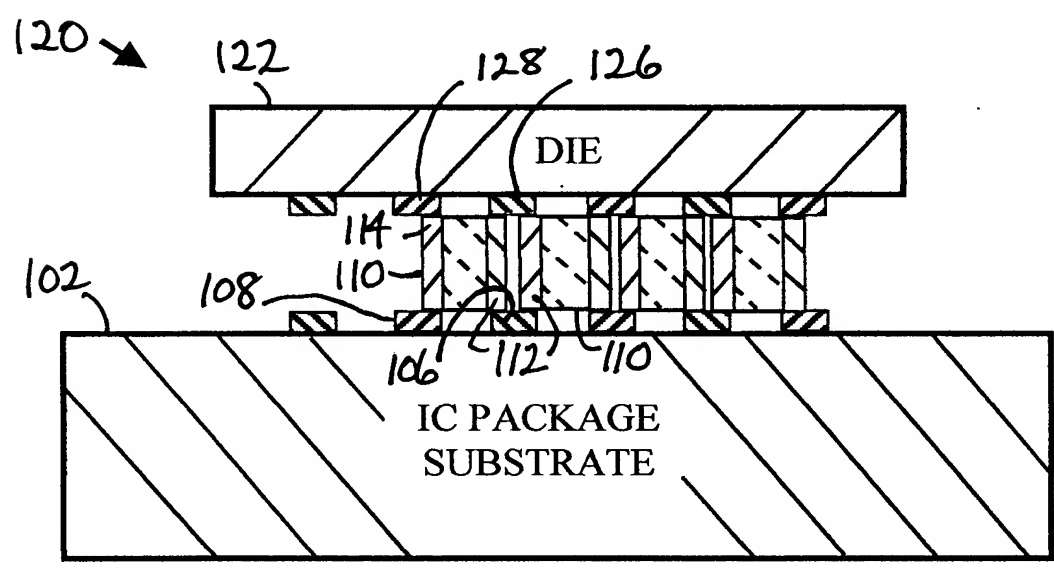


FIG. 4

FIG. 3

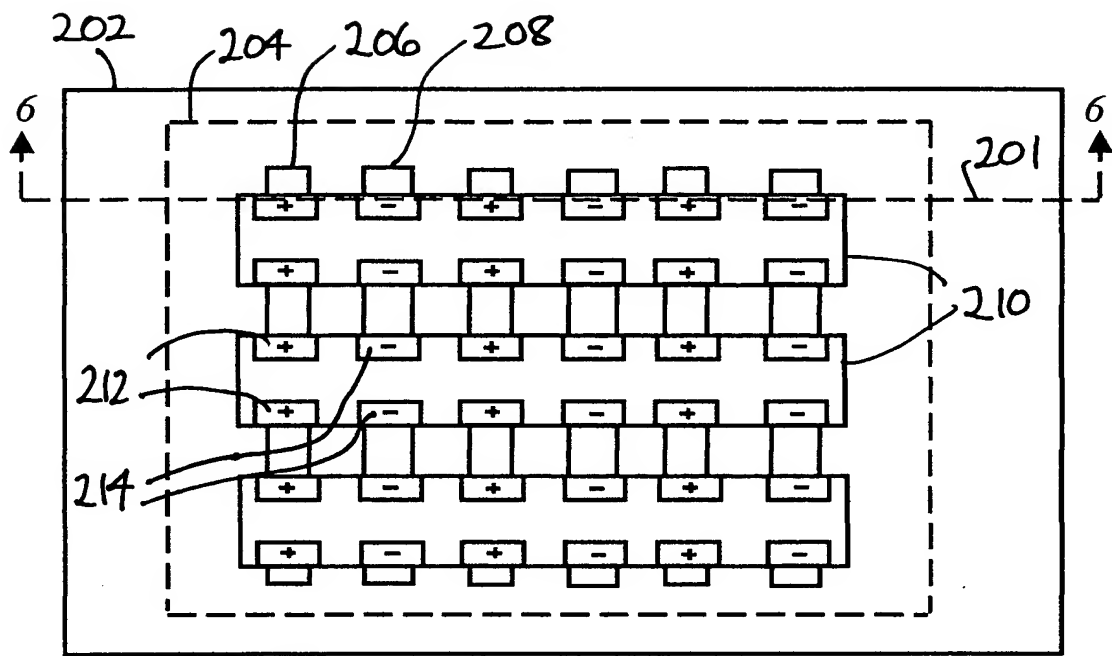


FIG. 5

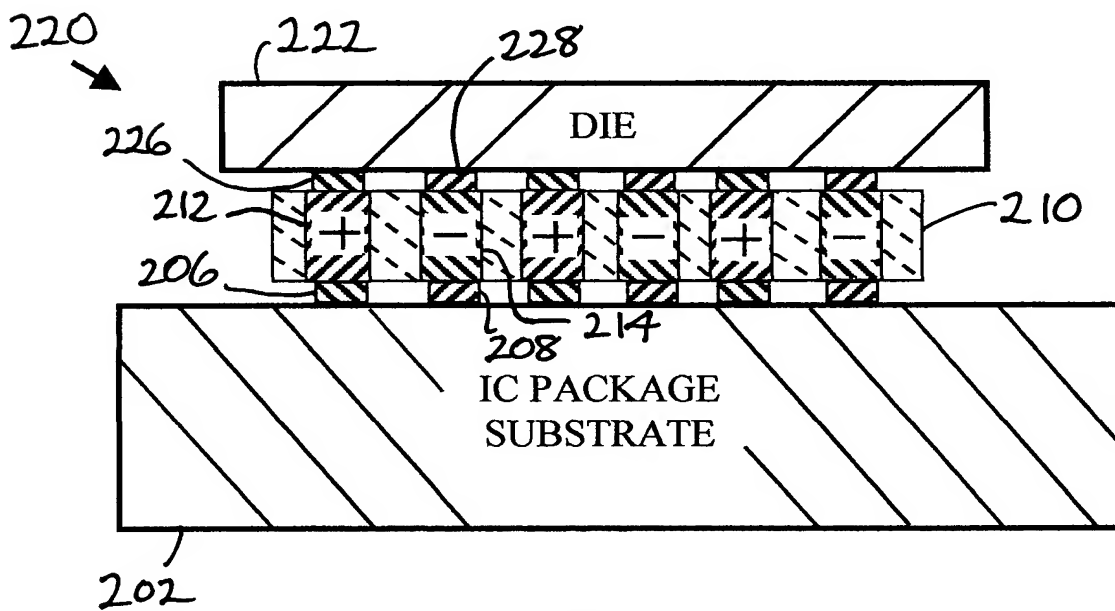


FIG. 6

FIG. 7

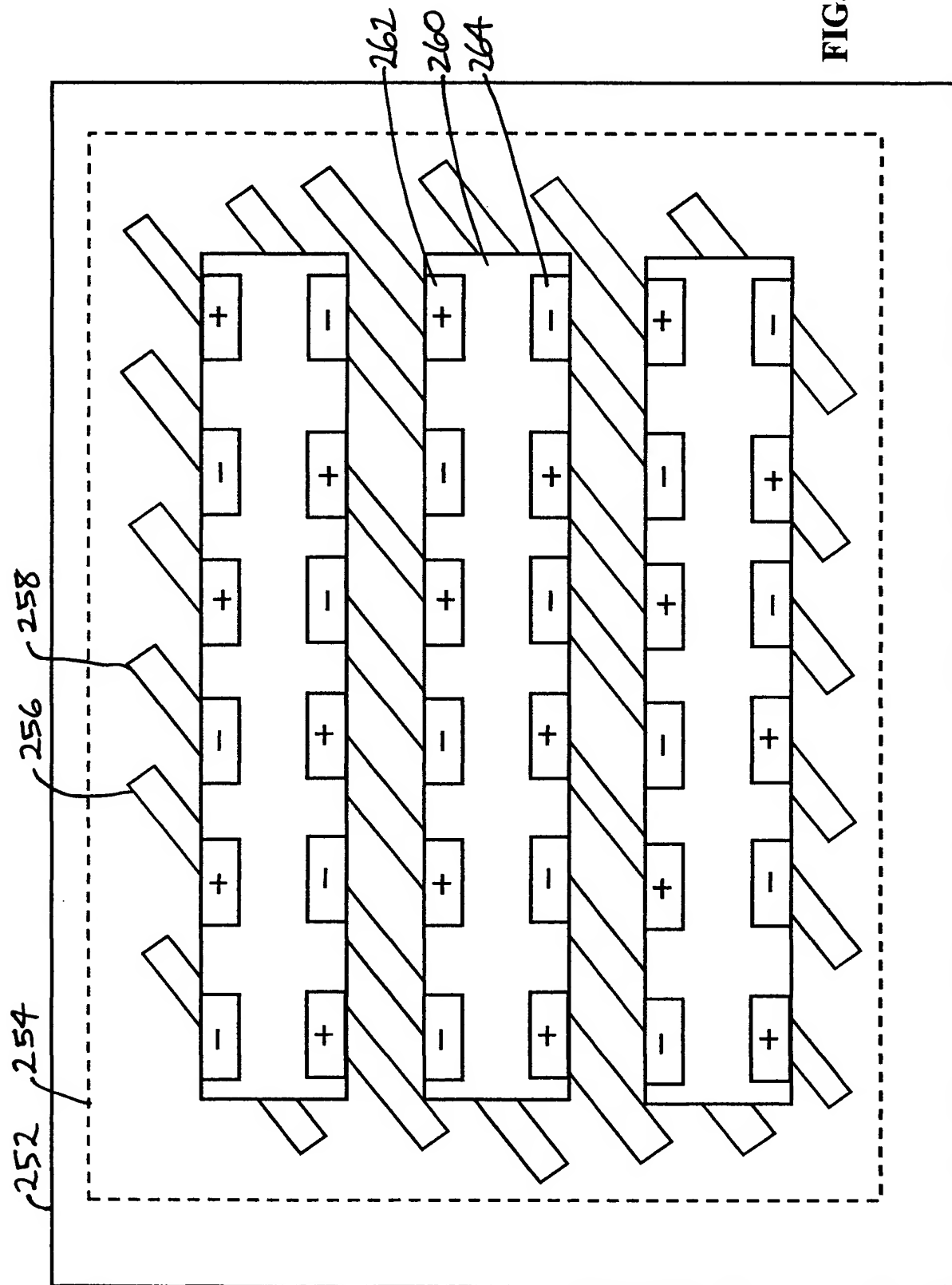


FIG. 7

FIG. 8

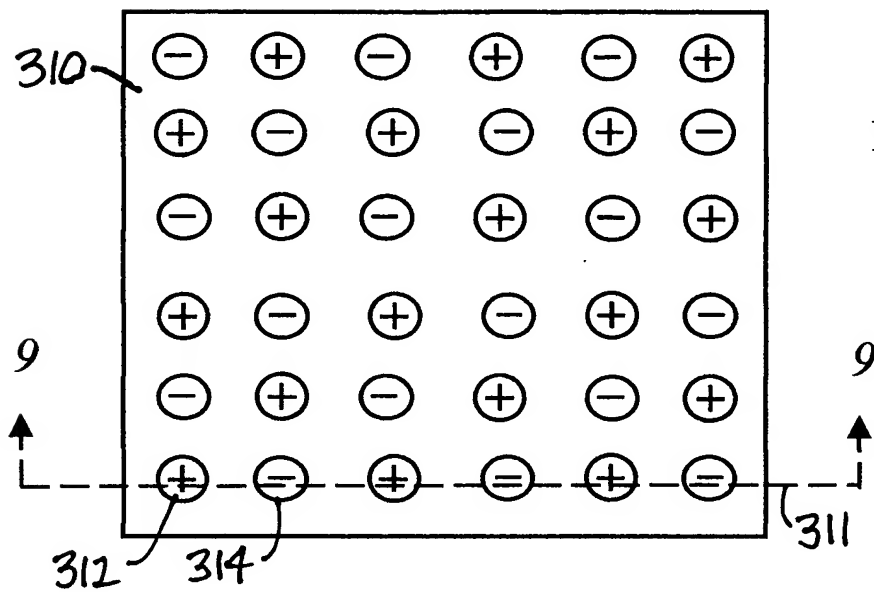


FIG. 8

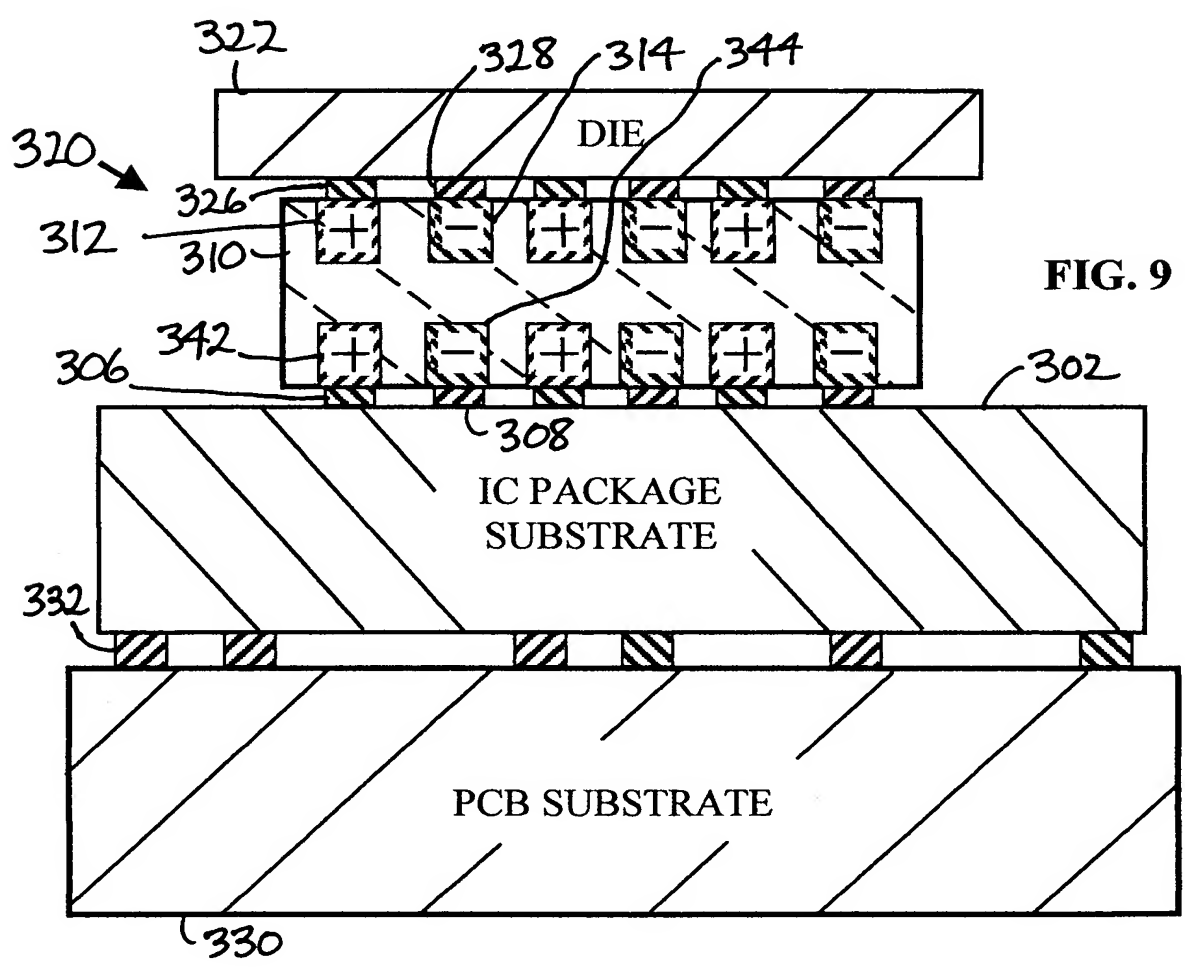


FIG. 9

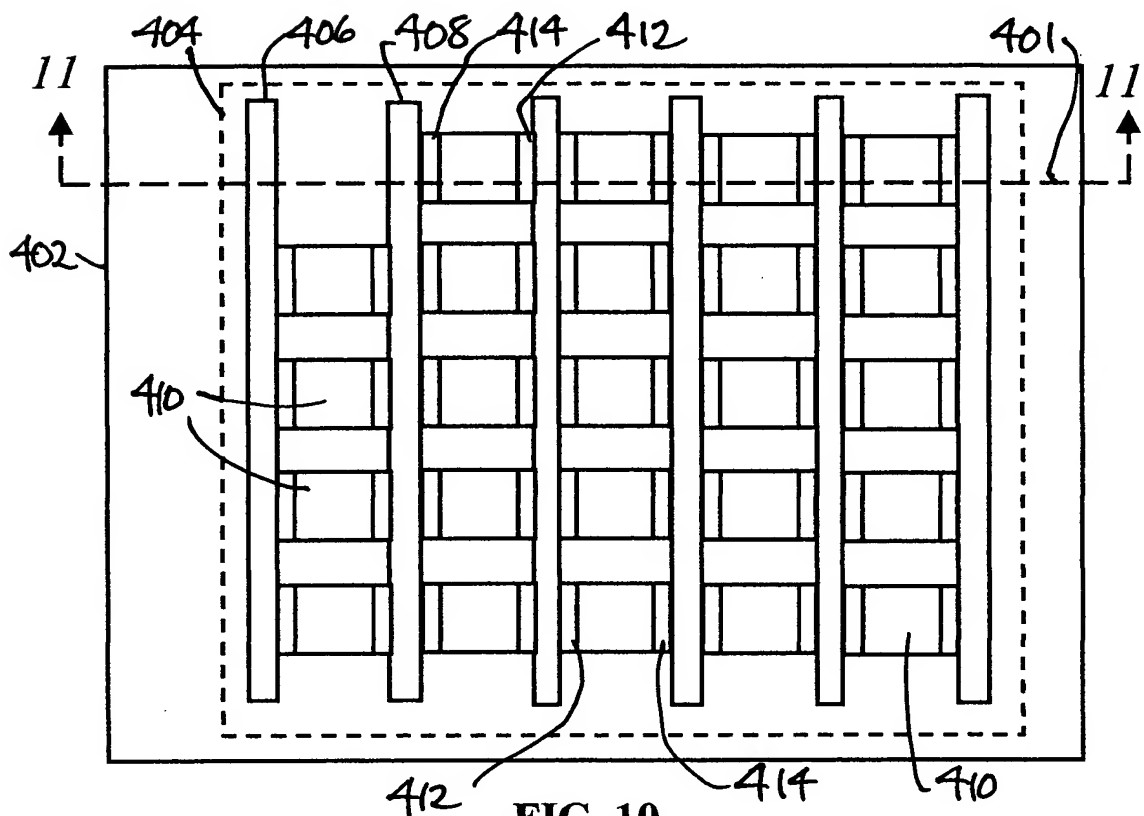


FIG. 10

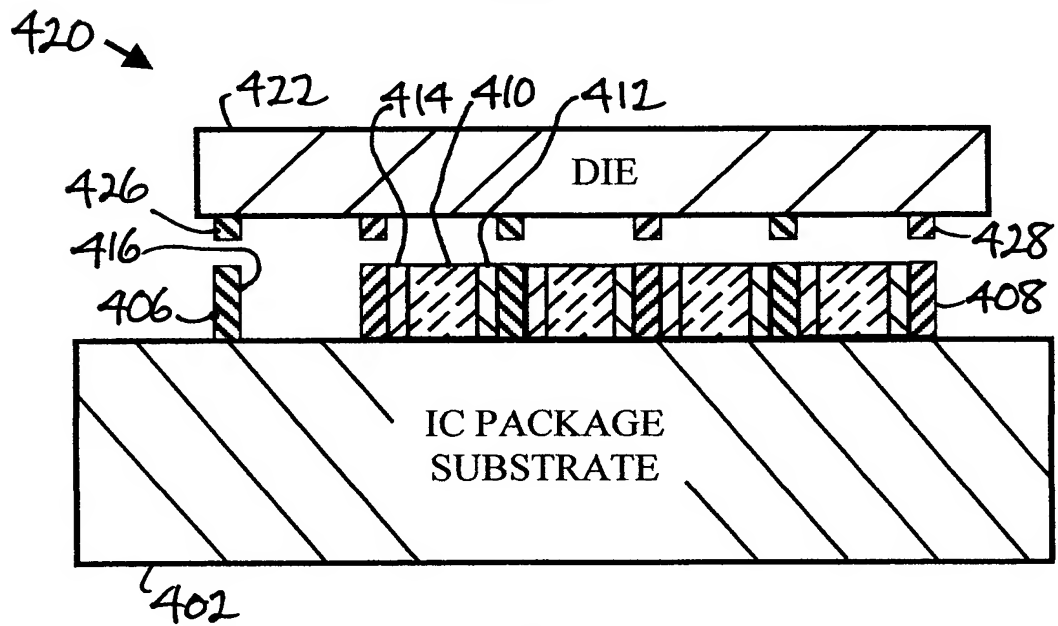


FIG. 11

FIG. 12

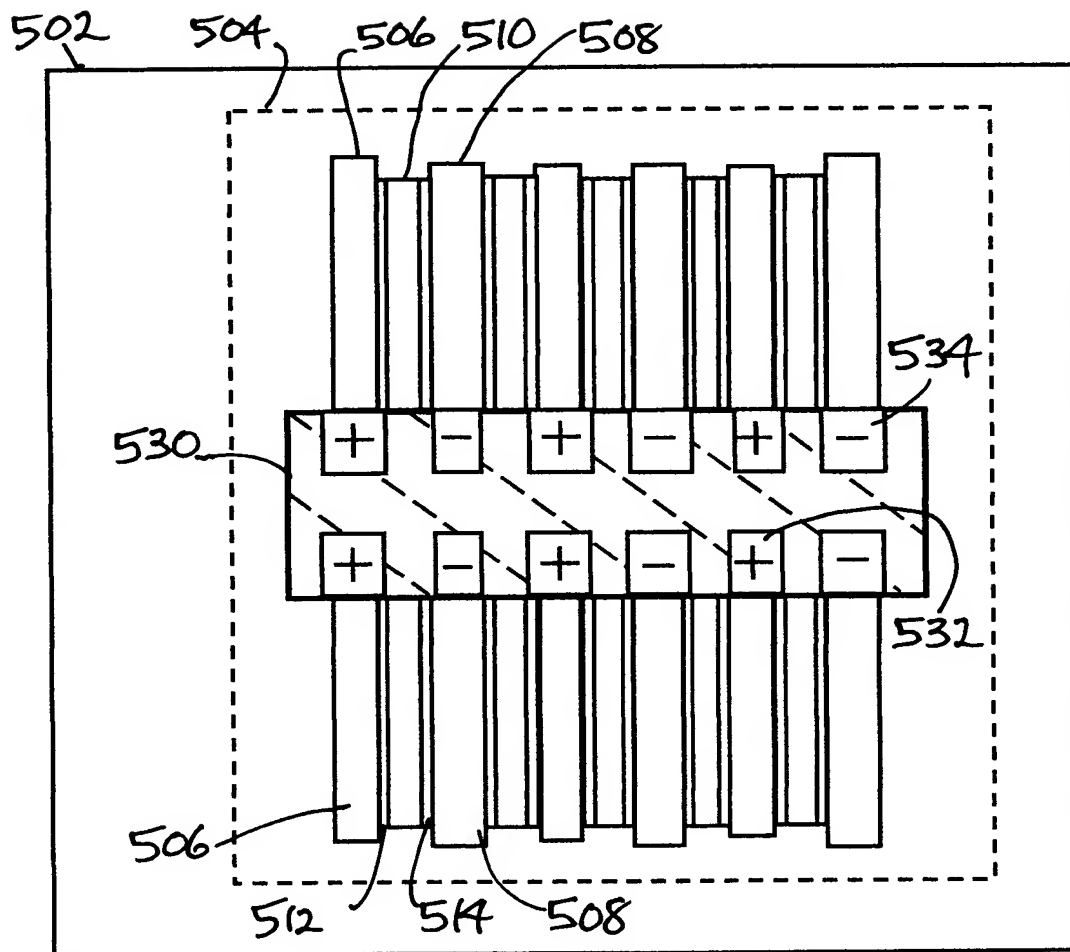


FIG. 12

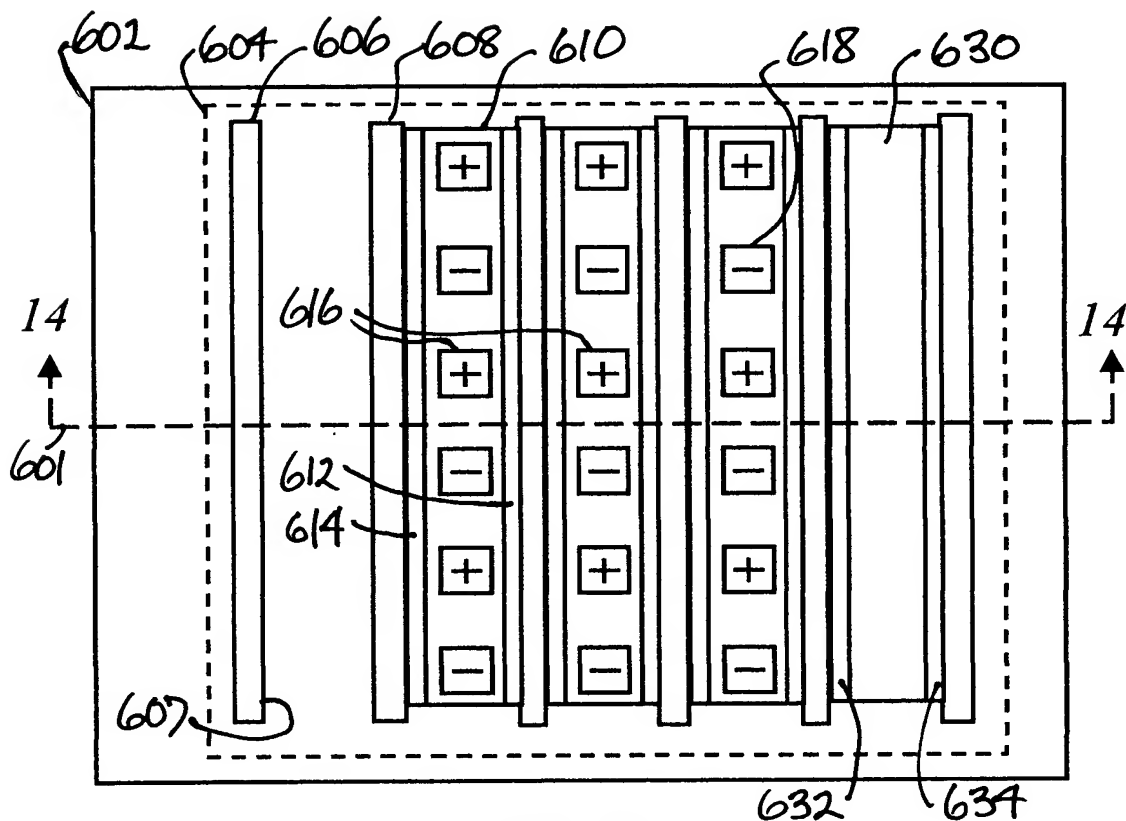


FIG. 13

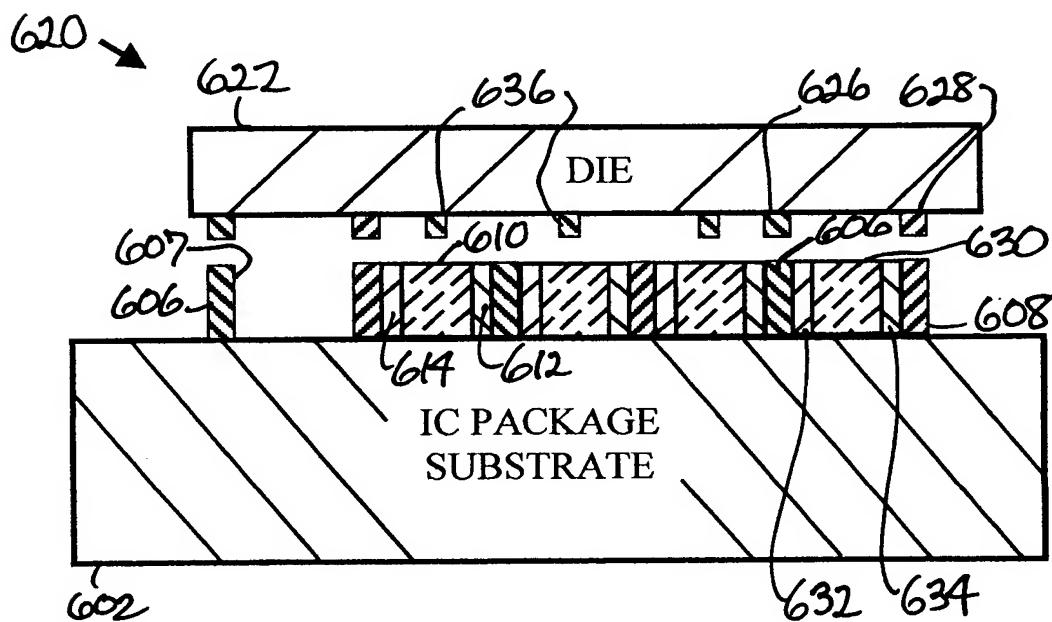


FIG. 14

FIG. 15

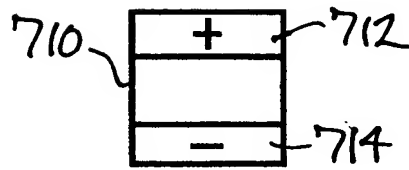


FIG. 16

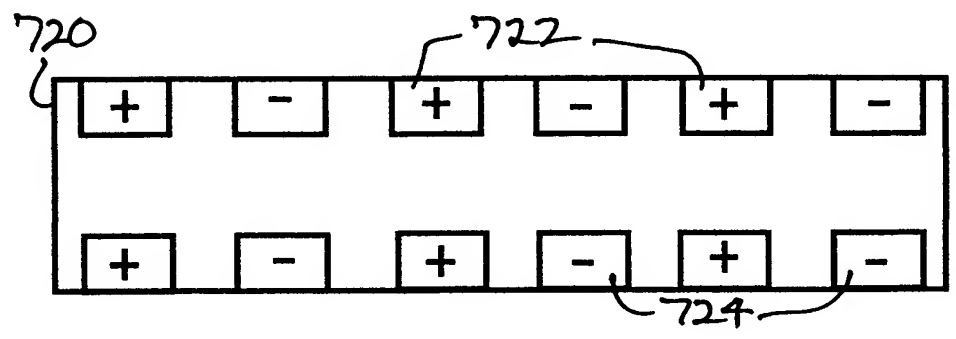


FIG. 17

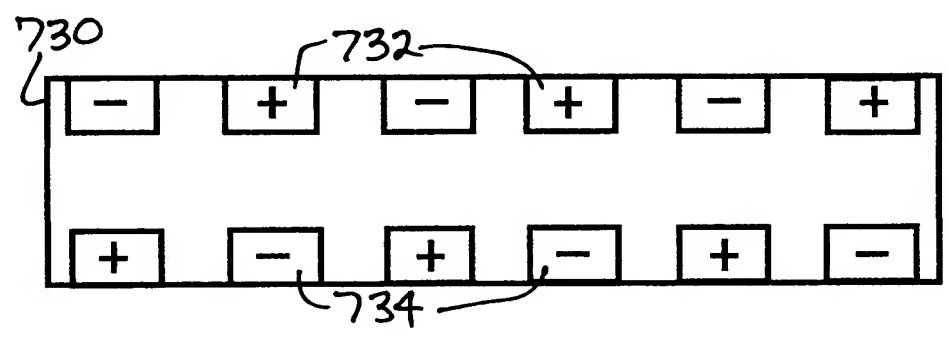


FIG. 18

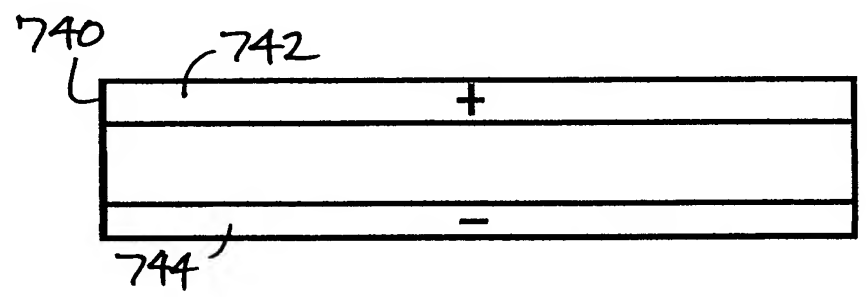


FIG. 19

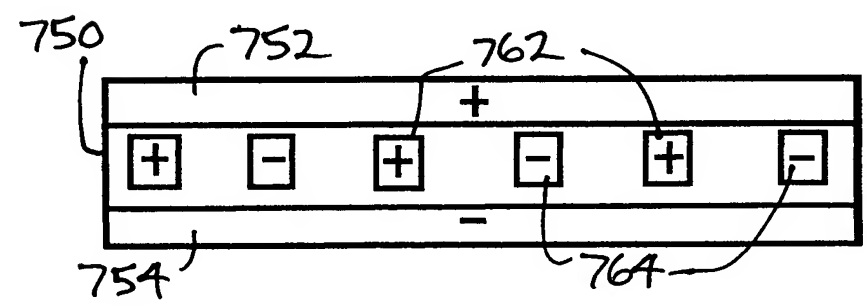


FIG. 26

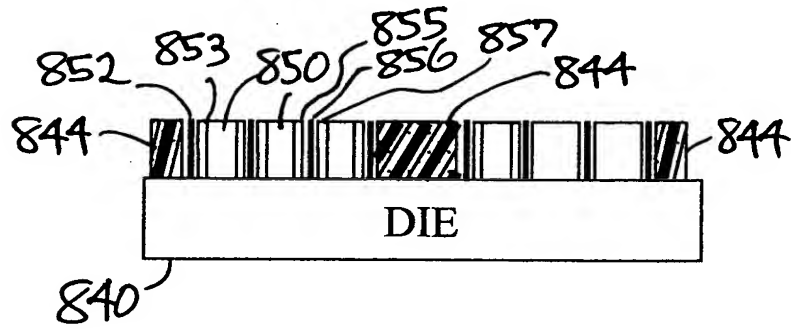
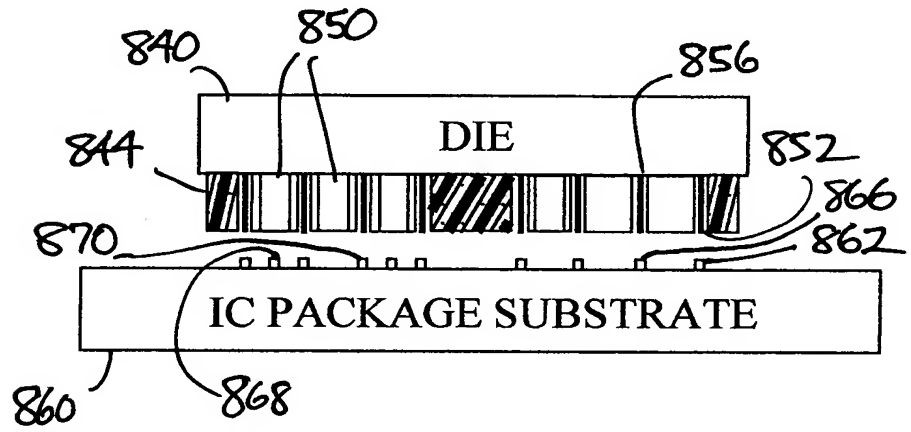


FIG. 27



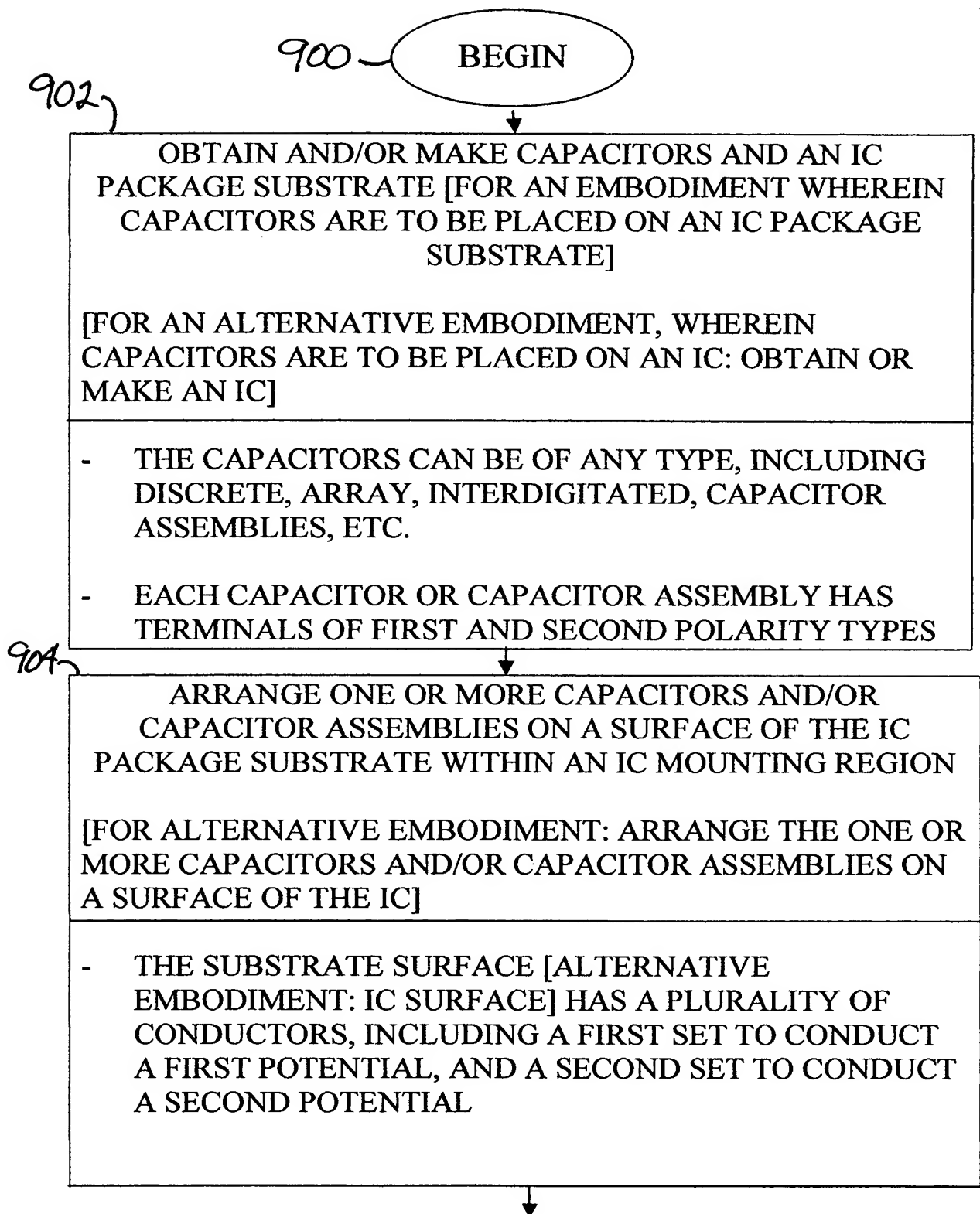


FIG. 28A

三



- 906,



908,



- ELECTRICALLY COUPLE THE IC TERMINALS TO CORRESPONDING TERMINALS OF THE ONE OR MORE CAPACITORS AND/OR CAPACITOR ASSEMBLIES, AND OPTIONALLY TO CONDUCTORS ON THE SUBSTRATE



W **O** **R** **E** **S** **T** **I** **N** **G** **A** **C** **T** **I** **V** **E** **S**

908, cont.



- IF THE IC PACKAGE SUBSTRATE SURFACE HAS CONDUCTIVE BARS, ONE OR MORE OF THE CAPACITORS AND/OR CAPACITOR ASSEMBLIES CAN BE ELECTRICALLY COUPLED TO ONE OR MORE BARS, TO THE IC, OR TO ONE OR MORE BARS AND TO THE IC

[FOR ALTERNATIVE EMBODIMENT: POSITION AND MOUNT THE IC ON A MOUNTING REGION OF AN IC PACKAGE SUBSTRATE, E.G. USING SOLDER REFLOW]

- [ALTERNATIVE EMBODIMENT: ELECTRICALLY COUPLE THE IC PACKAGE SUBSTRATE TERMINALS TO CORRESPONDING TERMINALS OF THE ONE OR MORE CAPACITORS AND/OR CAPACITOR ASSEMBLIES, AND OPTIONALLY TO CONDUCTORS ON THE IC]
- [ALTERNATIVE EMBODIMENT: IF THE IC SURFACE HAS CONDUCTIVE BARS, ONE OR MORE OF THE CAPACITORS AND/OR CAPACITOR ASSEMBLIES CAN BE ELECTRICALLY COUPLED TO ONE OR MORE BARS, TO THE IC PACKAGE SUBSTRATE, OR TO ONE OR MORE BARS AND TO THE IC PACKAGE SUBSTRATE]



910



FIG. 28C

FIG. 28C

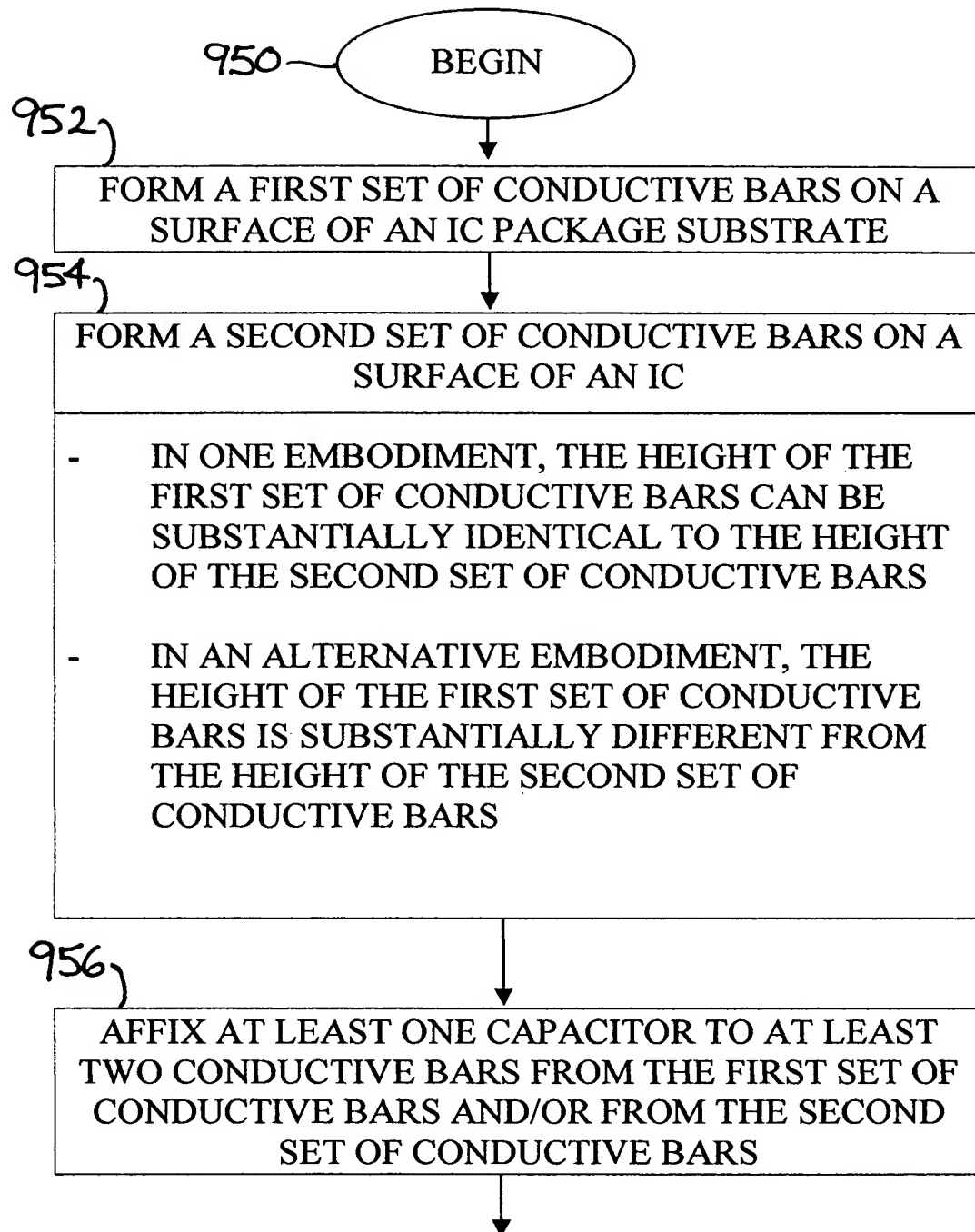


FIG. 29A

1006622900T

117

958,



MOUNT THE IC ON AN IC MOUNTING REGION OF
THE IC PACKAGE SUBSTRATE

- FOR THE ONE EMBODIMENT: CONDUCTIVE BARS FROM THE FIRST SET AND SECOND SETS TOGETHER MAKE UP THE REQUIRED NUMBER OF CONDUCTIVE BARS
- FOR THE ALTERNATIVE EMBODIMENT: CONDUCTIVE BARS FROM THE FIRST SET OF CONDUCTIVE BARS ARE JOINED TO CONDUCTIVE BARS FROM THE SECOND SET OF CONDUCTIVE BARS TO FORM CONDUCTIVE BARS HAVING A FINAL DESIRED HEIGHT



960



FIG. 29B

FIG. 29B